

What is claimed is:

1. A panel structure comprising:

a flexible panel;

an edge strip cooperating with an edge portion of the flexible panel, the strip having at least one mounting member receiving area provided thereon, the at least one mounting member receiving area being dimensioned to receive a mounting member therein; and

a mounting member cooperating with the strip to maintain the flexible panel.

2. The panel structure of claim 1, wherein the mounting member is a biasing member which extends from the mounting member receiving area and cooperates with the flexible panel to maintain the flexible panel in stressed position.

3. The panel structure of claim 2, wherein the length of the biasing member can vary to allow the flexible panel to be retained at different stressed positions, whereby the aesthetic appearance of the flexible panel may be varied.

4. The panel structure of claim 1, wherein the mounting member is a support member which extends from the mounting member receiving area and cooperates with the flexible panel to suspend the flexible panel from a surface.

5. The panel structure of claim 1, wherein the strip has a panel receiving recess extending from an edge of the strip, the panel receiving recess having opposed side walls, the opposed side walls being spaced apart from one another at a distance which is slightly larger than the thickness of the flexible panel, whereby the flexible panel can be easily inserted into the panel receiving recess.

6. The panel structure of claim 5, wherein the panel receiving recess extends the entire length of the strip.

7. The panel structure of claim 5, comprising mounting tape having two major surfaces, the mounting tape being attached to the flexible panel proximate an edge of the flexible panel being inserted into the panel receiving recess, the tape having adhesive properties on both major surfaces, whereby the tape will adhere to a respective side wall of the panel receiving recess to prevent the flexible panel from moving relative to the longitudinal axis of the panel receiving recess.

8. The panel structure of claim 7, wherein a cover is provided on a major surface of the tape, the cover is configured to be removed after the edge of the flexible panel is inserted into the panel receiving recess.

9. The panel structure of claim 5, wherein an arcuate channel is provided in the strip, the arcuate channel being spaced from the panel receiving recess and positioned proximate to an edge of the strip.

10. The panel structure of claim 9, wherein a longitudinal slot extends from the arcuate channel to the edge of the strip, the longitudinal slot being dimensioned such that the spacing between side surfaces of the longitudinal slot is less than the diameter of the arcuate channel.

11. The panel structure of claim 10, wherein an enlarged receiving cavity is provided proximate the mounting member receiving area, the enlarged receiving cavity extending from the arcuate channel and intersecting the longitudinal slot.

12. The panel structure of claim 10, wherein at least one mounting member receiving slot is provided in the mounting member receiving area, the at least one mounting member receiving slot extending from the edge of the strip to the arcuate channel, the longitudinal axis of the at least one mounting member receiving slot being essentially perpendicular to the longitudinal axis of the arcuate channel.

13. The panel structure of claim 12, wherein a mounting cylinder is attached to an end of the mounting member, the diameter of the mounting cylinder being less than

the diameter of the arcuate channel, whereby the mounting cylinder can be inserted into and move in the arcuate channel in the direction of the longitudinal axis of the arcuate channel.

14. A suspended ceiling structure comprising:

a flexible panel;

a strip, the strip cooperating with an edge portion of the flexible panel and having at least one mounting member receiving area provided thereon, the at least one mounting member receiving area being dimensioned to receive a mounting member therein, and wherein an arcuate channel is provided in the strip, the arcuate channel being spaced from the panel receiving recess and positioned proximate to an edge of the strip;

a mounting member, the mounting member cooperating with the strip to maintain the flexible panel; and

a pin, the pin being insertable into a respective end of the arcuate channel and having at least one clip receiving recess provided thereon proximate an end of the pin, the clip receiving recess being alignable with the at least one mounting member receiving slot.

15. The suspended ceiling structure of claim 14, comprising a clip, the clip being insertable through the at least one mounting member receiving slot, the clip cooperating

with the clip receiving recess to maintain the pin in position relative to the panel structure.

16. The suspended ceiling structure of claim 15, comprising a mounting bracket, the mounting bracket cooperating with an exposed end of the pin, the pin being dimensioned to allow the exposed end of the pin to project beyond the mounting bracket, whereby as the mounting bracket is mounted to a surface, the cooperation of the pin with the mounting bracket maintains the panel structure in position relative to the surface.

17. The suspended ceiling structure of claim 15, comprising a spacer, the spacer cooperating with an exposed end of the pin, the pin being dimensioned to allow the exposed end of the pin to project beyond the spacer, whereby as a second panel structure is moved proximate the free end of the pin, the pin and spacer cooperating with the second panel structure to maintain the second panel structure in proper position with respect to the first panel structure.

18. A method of configuring a panel structure comprising:

engaging a first strip with a first edge of a flexible panel, the first strip having a first mounting member receiving area;

engaging a second strip with a second edge of the flexible panel, the second strip having a second mounting member receiving area;

inserting a biasing member into the first mounting member receiving area;
flexing the flexible panel and inserting the biasing member into the second mounting member receiving area;
allowing the flexible panel to return toward its unflexed condition;
whereby the biasing member cooperates with the flexible panel to prevent the flexible panel from returning to an unflexed condition.

19. The method of claim 18, further comprising the steps of inserting a support member into the first mounting member receiving area and attaching the support member to a primary building structure.